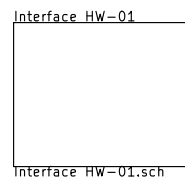
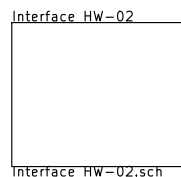


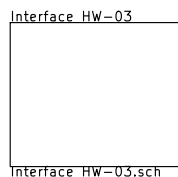
Alex Sojda
Galvo Interface Block Diagram V0.1
<http://alex-sojda.org/blog>
alex.sojda@gmail.com



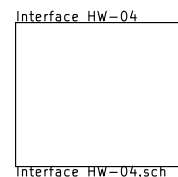
Page 01:
-- ControlStick and Raspberry Pi Conn
-- DAC
-- Reference Voltage
-- Power Connector
-- Laser Driver



Page 02:
-- X-Axis Output Buffer

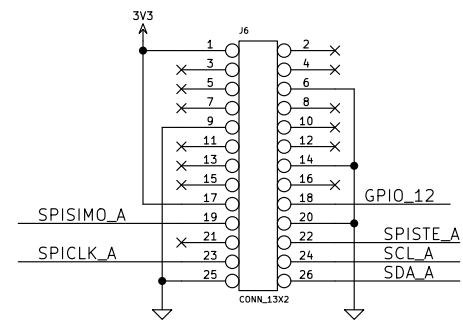
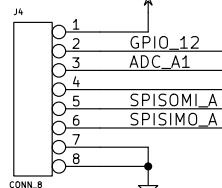
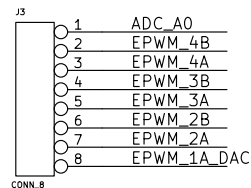
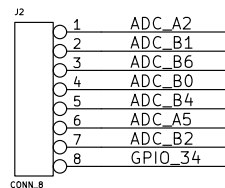
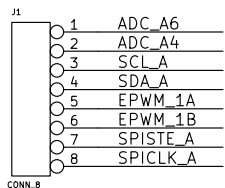


Page 03:
-- Y-Axis Output Buffer

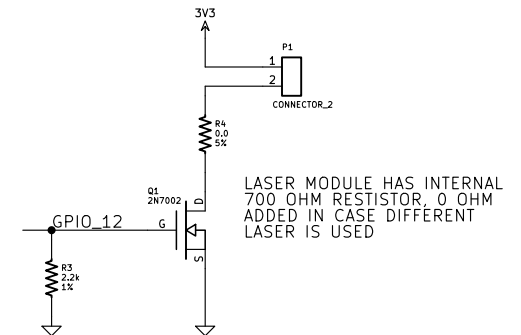
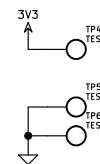
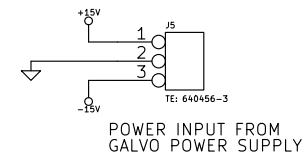
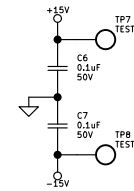
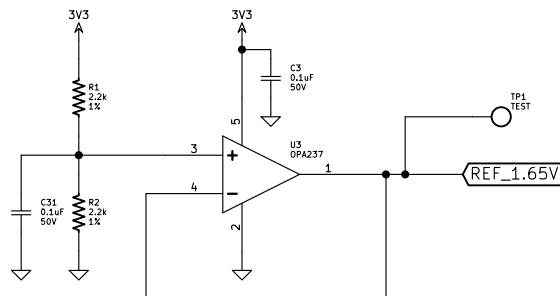
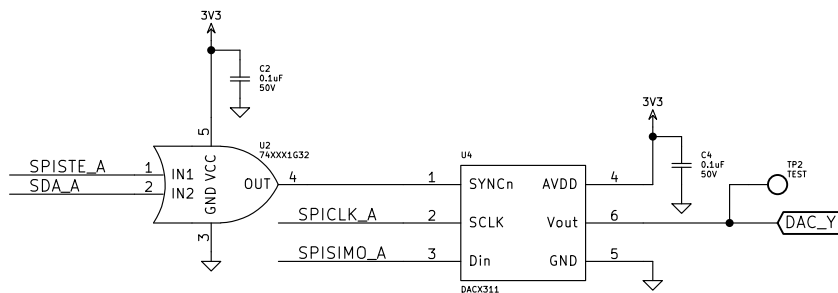
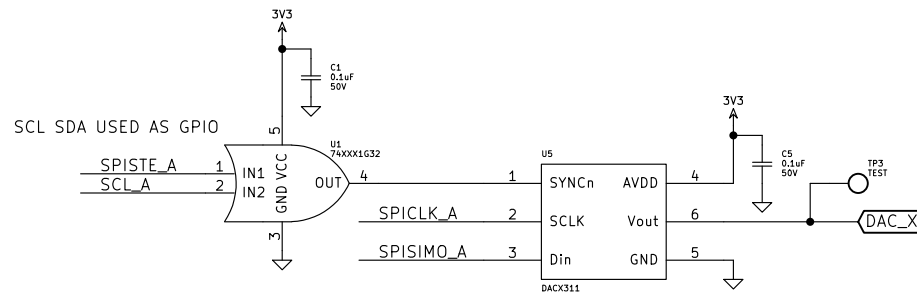


Page 04:
-- Input Power Step-Down Regulator

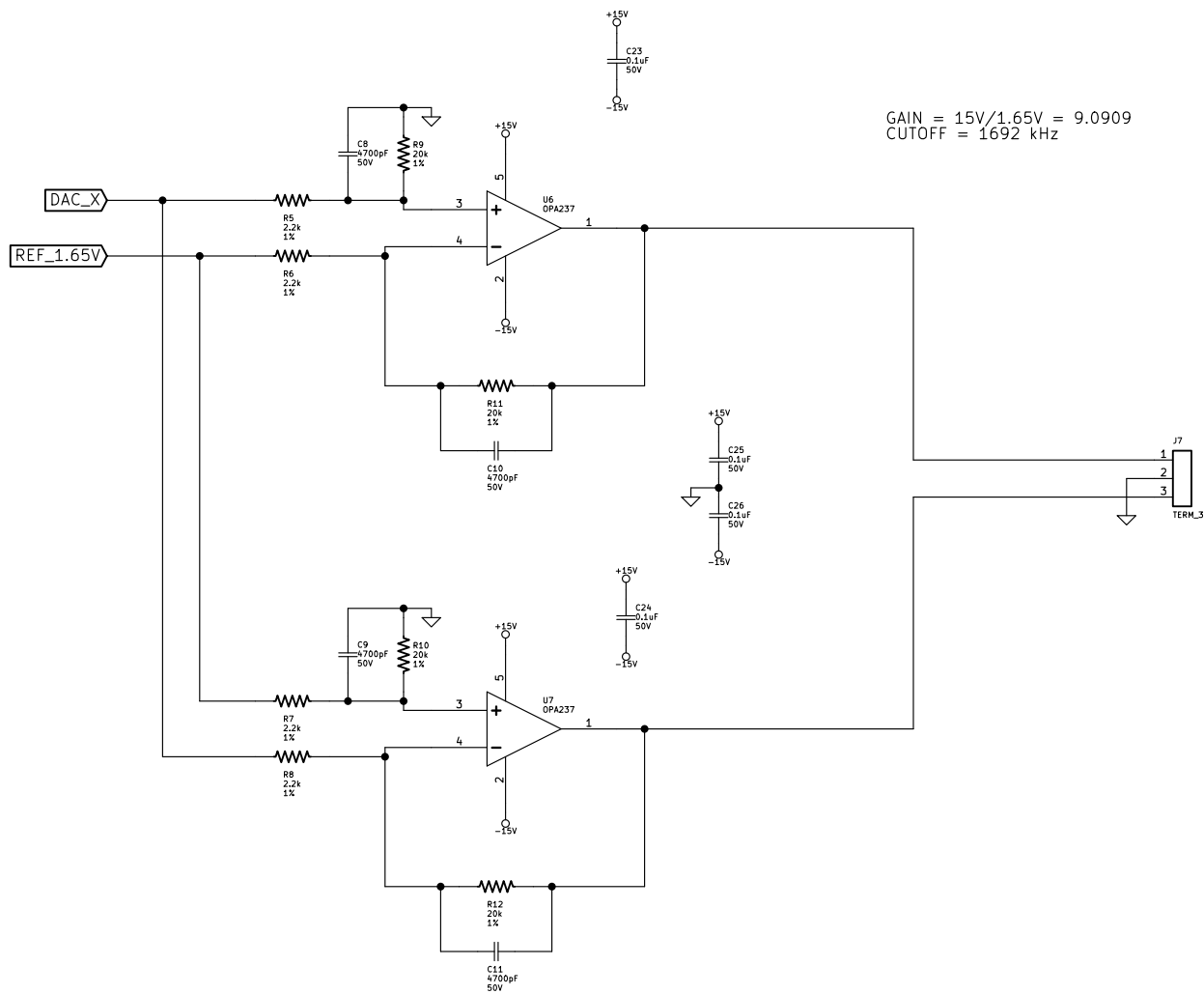
File: Interface HW.sch		
Sheet: /		
Title: Defcon Bot Interface Brd		
Size: A	Date: 19 apr 2014	Rev: 1
KiCad E.D.A.		Id: 1/5



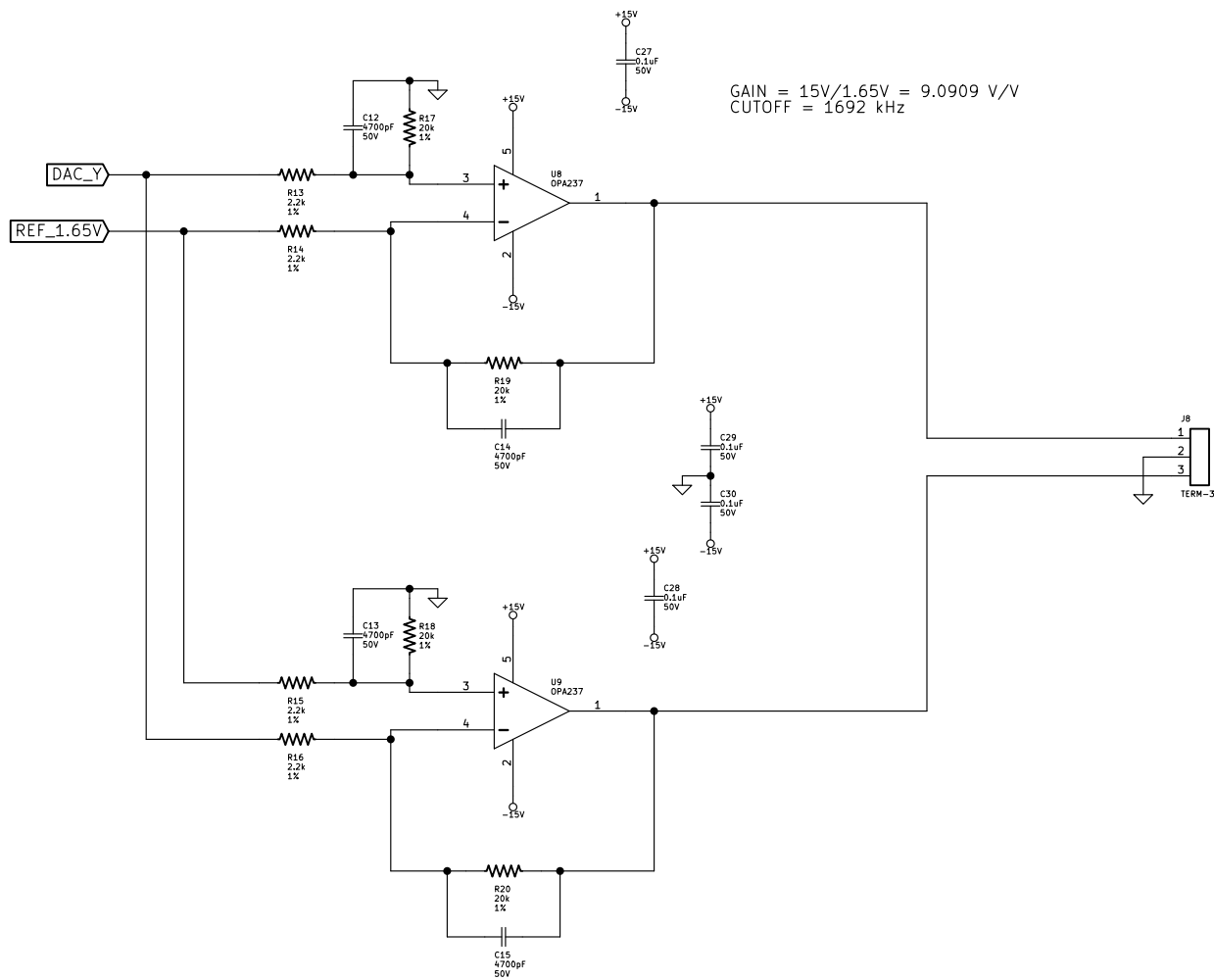
RASPBERRY PI HAS TWO SLAVE SELECT PINS, OR GATES ARE NOT NEEDED. SCL_A/SDA_A ARE SLAVE SELECT, SPISTE_A IS GPIO



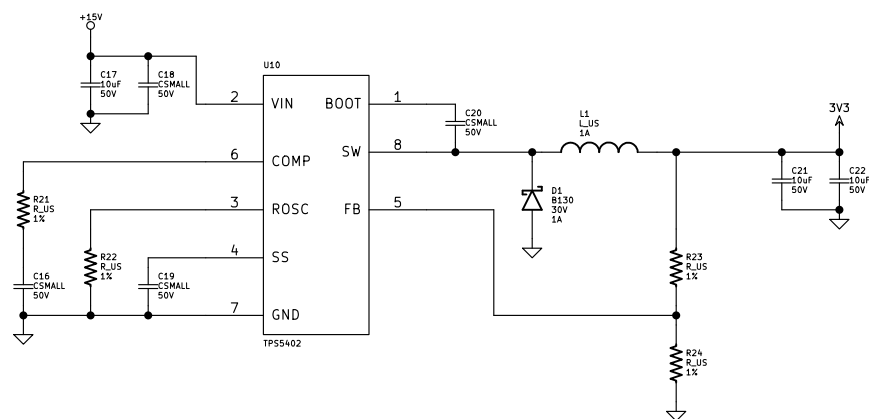
File: Interface HW-01.sch		
Sheet: /Interface HW-01/		
Title: Connector, DAC, Power Input		
Size: A	Date: 19 apr 2014	Rev: 1
KiCad E.D.A.		Id: 2/5



File: Interface HW-02.sch		
Sheet: /Interface HW-02/		
Title: X-Axis Buffer		
Size: A	Date: 19 apr 2014	Rev: 1
KiCad E.D.A.	Id: 3/5	



File: Interface HW-03.sch		
Sheet: /Interface HW-03/		
Title: Y-Axis Buffer		
Size: A	Date: 19 apr 2014	Rev: 1
KiCad E.D.A.		Id: 4/5



File: Interface HW-04.sch	
Sheet: /Interface HW-04/	
Title: Buck Conveter	
Size: A	Date: 19 apr 2014
KiCad E.D.A.	Rev: 1
	Id: 5/5